

# [Insert title of invention]Audio Detection for use with Dental Tools

## Abstract

The present invention relates to a dental device having an electronic audio sensor that allows a dentist to hear the hard deposits and rough surfaces on teeth. The sensor uses a female friction fitting means to connect to the male end of the dental instrument. A wire connects the sensor to an electronic package that converts the sensor information into sounds. The sounds aid the operator in determining the condition of the patient's teeth. The electronic package has a volume control with an on/off switch and a clip that can be attached to a belt, pocket, or any desired place of attachment. The unit is powered by a 1.5 volt button-type battery located in the electronic package. The sensor, wire, and electronic package have a total weight of 1.5 ounces. Headphones are plugged into a headphone receptacle. The headphones include an inline volume control to fine-tune the sound passing through the sensor. Different instruments can be quickly changed as the procedure is performed. Fittings other than friction fittings may be used.